

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090418\
 Data File : BN002581.D
 Acq On : 04 Sep 2018 20:03
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02028

Quant Time: Sep 05 01:40:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 05 01:39:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	109425	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	521685	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	338468	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	827220	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	928122	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	857757	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	18127	7.82	ng/uL	0.00
5) Phenol-d5	6.85	99	198831	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	123154	19.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	157267	20.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	158868	19.81	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	78245	18.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	89979	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	170449	21.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	202785	23.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	578908	20.63	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	699025	20.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	90598	17.08	ng/ul	0.00
57) Fluorene-d10	15.29	176	500136	20.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	98307	18.67	ng/ul	0.00
70) Anthracene-d10	17.14	188	812608	20.56	ng/ul	0.00
78) Pyrene-d10	19.44	212	907168	20.43	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	928214	20.70	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.26	88	19702	7.944	ng/uL	93
4) Benzaldehyde	6.82	77	124938	18.125	ng/ul	95
6) Phenol	6.87	94	203056	19.873	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.10	93	152062	19.576	ng/ul#	84
10) 2-Chlorophenol	7.23	128	158442	20.592	ng/ul#	90
11) 2-Methylphenol	8.11	108	155271	20.135	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	257451	20.012	ng/ul#	85
14) Acetophenone	8.48	105	253480	19.767	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.46	70	132887	19.639	ng/ul#	79
16) 4-Methylphenol	8.43	108	168175	20.046	ng/ul	99
17) Hexachloroethane	8.73	117	62515	19.397	ng/ul	92
20) Nitrobenzene	8.86	77	195501	19.672	ng/ul	93
21) Isophorone	9.37	82	378304	19.747	ng/ul	98
23) 2-Nitrophenol	9.56	139	95841	20.880	ng/ul	93
24) 2,4-Dimethylphenol	9.63	107	196119	20.836	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.86	93	223977	19.844	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	165595	21.312	ng/ul	95
28) Naphthalene	10.49	128	540892	20.152	ng/ul	99
30) 4-Chloroaniline	10.60	127	208125	23.733	ng/ul	99
31) Hexachlorobutadiene	10.77	225	100427	20.532	ng/ul	98
32) Caprolactam	11.36	113	61967	21.229	ng/ul#	55
33) 4-Chloro-3-methylphenol	11.74	107	194761	21.783	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	409332	20.662	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	202951	19.795	ng/ul	97
37) Hexachlorocyclopentadiene	12.45	237	92529	14.857	ng/ul	98
38) 2,4,6-Trichlorophenol	12.72	196	139706	21.163	ng/ul	97
39) 2,4,5-Trichlorophenol	12.80	196	148703	21.051	ng/ul	97
40) 1,1'-Biphenyl	13.12	154	540405	19.945	ng/ul	99
41) 2-Chloronaphthalene	13.16	162	421275	19.945	ng/ul	98
42) 2-Nitroaniline	13.38	65	133033	19.776	ng/ul	85
44) Dimethylphthalate	13.76	163	567331	20.617	ng/ul	99
45) 2,6-Dinitrotoluene	13.88	165	115502	20.775	ng/ul	94
47) Acenaphthylene	14.02	152	662455	20.215	ng/ul	99
48) 3-Nitroaniline	14.22	138	112275	21.224	ng/ul	98
49) Acenaphthene	14.36	153	471546	20.398	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	49632	14.921	ng/ul#	1
52) 4-Nitrophenol	14.54	109	69560	17.304	ng/ul#	84
53) Dibenzofuran	14.70	168	661058	20.270	ng/ul	97
54) 2,4-Dinitrotoluene	14.67	165	176471	21.052	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	14.93	232	131940	21.391	ng/ul	96
56) Diethylphthalate	15.13	149	585943	20.870	ng/ul	100
58) Fluorene	15.35	166	555620	20.823	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.35	204	274611	20.853	ng/ul	94
60) 4-Nitroaniline	15.38	138	139228	20.366	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.44	198	101808	18.739	ng/ul#	97
64) N-Nitrosodiphenylamine	15.56	169	488341	20.203	ng/ul	99
65) 4-Bromophenyl-phenylether	16.24	248	171351	20.304	ng/ul	93
66) Hexachlorobenzene	16.36	284	188732	20.039	ng/ul	95
67) Atrazine	16.52	200	179893	20.356	ng/ul	98
68) Pentachlorophenol	16.70	266	88484	16.784	ng/ul	96
69) Phenanthrene	17.09	178	928696	20.365	ng/ul	99
71) Anthracene	17.18	178	948287	20.503	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	223664	19.337	ng/ul	99
73) Pentachlorobenzene	14.62	250	218949	19.860	ng/ul	98
74) Carbazole	17.45	167	870746	21.229	ng/ul	99
75) Di-n-butylphthalate	18.02	149	1029514	20.647	ng/ul	99
76) Fluoranthene	19.11	202	1123108	21.639	ng/ul	100
79) Pvrene	19.47	202	1143666	20.436	ng/ul	100
80) Butylbenzylphthalate	20.39	149	497646	20.987	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.17	252	370970	20.057	ng/ul	98
82) Benzo(a)anthracene	21.23	228	1167695	20.536	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	736091	20.696	ng/ul#	97
84) Chrysene	21.28	228	1086085	20.182	ng/ul	99
86) Di-n-octyl phthalate	22.04	149	1289403	23.654	ng/ul#	92
87) Benzo(b)fluoranthene	22.80	252	1110199	21.593	ng/ul	99
88) Benzo(k)fluoranthene	22.84	252	1032469	21.315	ng/ul	98
90) Benzo(a)pyrene	23.36	252	1008584	20.592	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.67	276	967807	16.610	ng/ul	95
92) Dibenzo(a,h)anthracene	25.68	278	809845	16.625	ng/ul	99
93) Benzo(g,h,i)perylene	26.35	276	788776	16.224	ng/ul	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

